

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D212-664 Rev. G OR LATER  
& INSTRUCTIONS FOR CONTINUOUS AIRWORTHINESS ICA-D212-664 Rev. 8 OR LATER  
REF. CANADIAN STC: SH01-9  
REF. FAA STC: SR01298NY  
REF. EASA STC: EASA.IM.R.S.01304

## PURPOSE:

When installed on 214 aircraft, the support clamps on D212-664-101/-101B/-107/-107B/-201/-201B/-207/-207B crosstubes interfere with the aircraft's cap assemblies. The affected crosstubes are D212-664-101/-101B/-201/-201B at CHG 005 and earlier, D212-664-107/-107B at CHG 003 and earlier, and D212-664-207/-207B at CHG 002 and earlier. There is no interference when installed on 204/205/210/212/412 series aircraft.

## CHANGE:

The DSI 9680-011 Support Kit is available from Dart and contains new supports for crosstubes installed on 214 aircraft. The kit can be installed on existing D212-664-101/-101B/-107/-107B/-201/-201B/-207/-207B to correct the interference problem with the aircraft cap assemblies. The new supports reposition the support clamps to avoid the cap assemblies.

For crosstubes on 214 aircraft, the existing D2893-1 & D2940-1 crosstube supports should be replaced with the new D5017-1 & D5018-1 supports per ICA-D212-664 (section 32.3 and 32.4 of rev. 8 or later revision) using a 13.75" spacing. See Figure 1 of this service instruction for reference.

The D5017-1 & D5018-1 supports have been pre-installed on crosstubes at the following change number:

D212-664-101B @ CHG 006  
D212-664-107B @ CHG 004

D212-664-201B @ CHG 006  
D212-664-207B @ CHG 003

For D212-664-101/-107/-201/-207 crosstubes installed on 214 aircraft, it is recommended that the DSI 9680-011 Support Kit be acquired from Dart and installed per this Service Instruction.

## PARTS LIST:

QTY	Part number	Description
X	DSI 9680-011	SUPPORT KIT, 214
2	D5017-1	SUPPORT, 214 FWD
2	D5018-1	SUPPORT, 214 AFT

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	
D. SHEPNERD (DE # 02)	
DATE:	13.12.19
CERT. NO.:	SH01-9
ISSUE NO.:	3

A	NEW ISSUE	CP	13.12.19
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE 13.12.19		SCALE	
		TITLE SUPPORT INSTALLATION ON 214 A/C NTS	
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The parts lists of IIN-D212-664 and ICA-D212-664 are amended as follows:

5.4 **214B/B-1 CROSSTUBES (IIN-D212-664)**  
32.13.4 **214B/B-1 CROSSTUBES (ICA-D212-664)**

QTY -101B	QTY -107B	QTY -201B	QTY -207B	Part Number	Description
X				D212-664-101B	CROSSTUBE INSTALLATION, 214 HIGH FWD
	X			D212-664-107B	CROSSTUBE INSTALLATION, 214 STANDARD FWD
		X		D212-664-201B	CROSSTUBE INSTALLATION, 214 HIGH AFT
			X	D212-664-207B	CROSSTUBE INSTALLATION, 214 STANDARD AFT

IS:

2	2			D5017-1	SUPPORT, 214 FWD
		2	2	D5018-1	SUPPORT, 214 AFT

WAS:

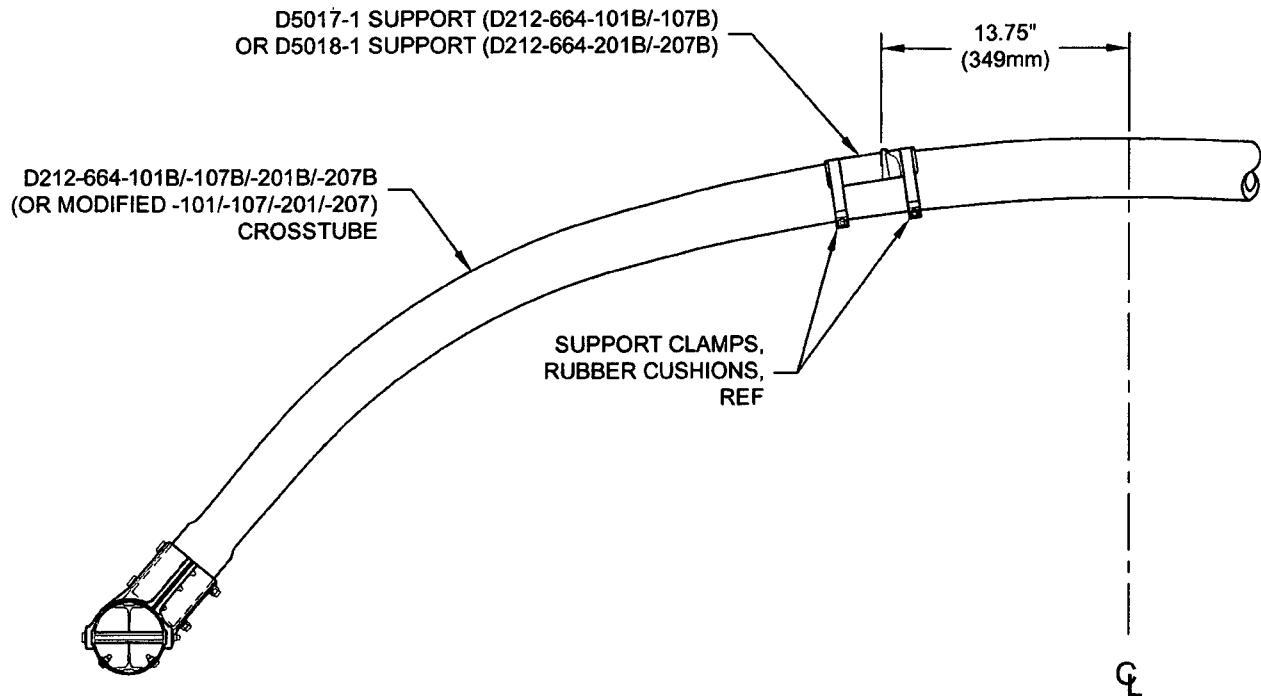
2	2			D2893-1	SUPPORT
		2	2	D2940-1	SUPPORT

**WEIGHT AND BALANCE:**

There is no change to the weight and balance associated with DSI 9680-011 Support Kit.

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	
D. SHEPHERD (DE # 02)	
DATE:	13.12.19
CERT. NO.:	SH01-9
ISSUE NO.:	3

DESIGN	<i>9P</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA
DRAWN	<i>9P</i>	
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MFG. APPR.	<i>N/A</i>	
APPROVED	<i>M</i>	
DE APPR.	<i>##</i>	
DATE	13.12.19	DRAWING NO. DSI 9680 REV. A SHEET 2 OF 3
TITLE SUPPORT INSTALLATION ON 214 A/C		SCALE NTS
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**FIGURE 1:**  
SUPPORT INSTALLATION ON 214 AIRCRAFT

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	<i>[Signature]</i>
D. SHEPHERD (DE # 02)	
DATE:	13.12.19
CERT. NO.:	SH01-9
ISSUE NO.:	3

DESIGN	<i>qp</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>qp</i>		
CHECKED	<i>ASS</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>N/A</i>	DSI 9680	SHEET 3 OF 3
APPROVED	<i>[Signature]</i>	TITLE	
DE APPR.	<i>[Signature]</i>	SCALE	
DATE	13.12.19	SUPPORT INSTALLATION ON 214 A/C NTS	

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